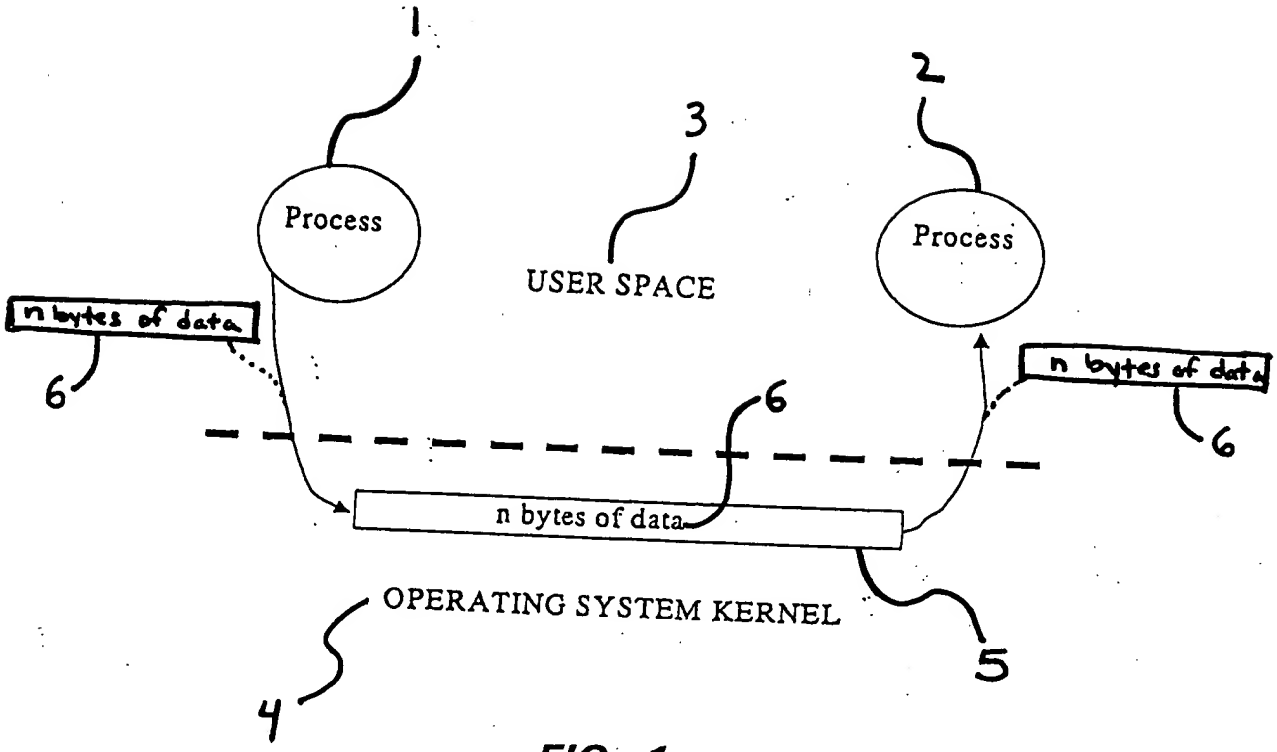

FIG. 1

EXP.MAIL:EE444322314US

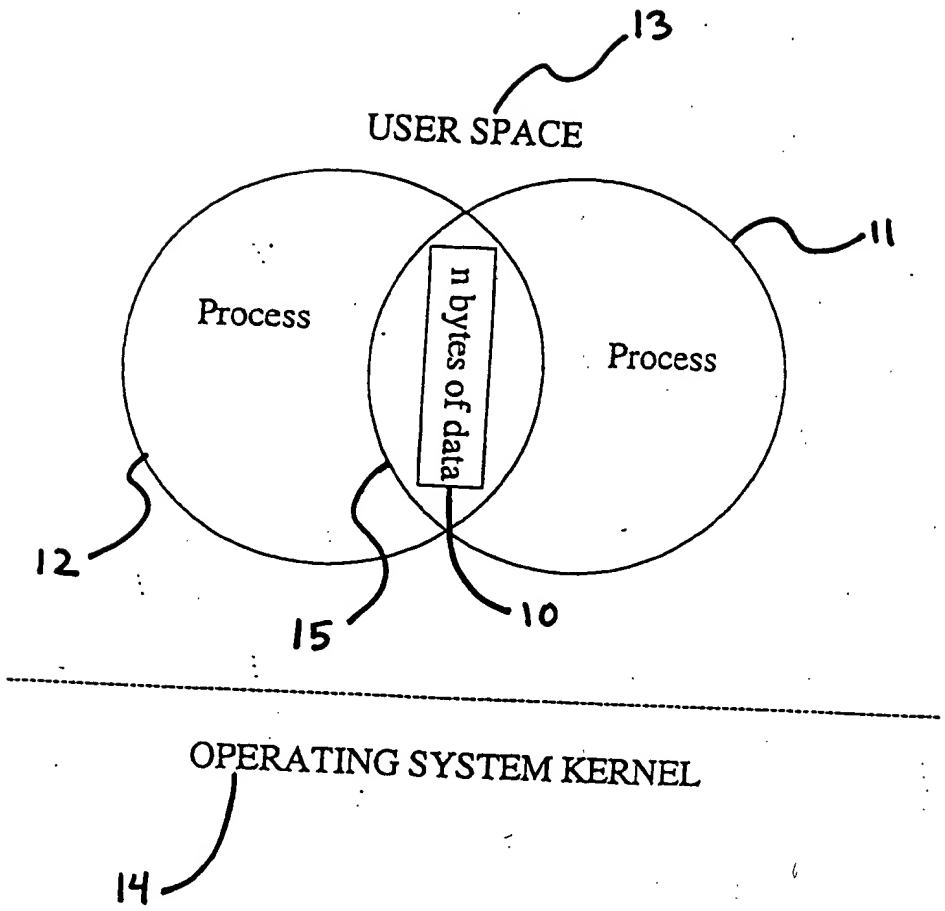
13
USER SPACE
11
Process
n bytes of data
Process
12
15
10
OPERATING SYSTEM KERNEL
14

FIG. 2

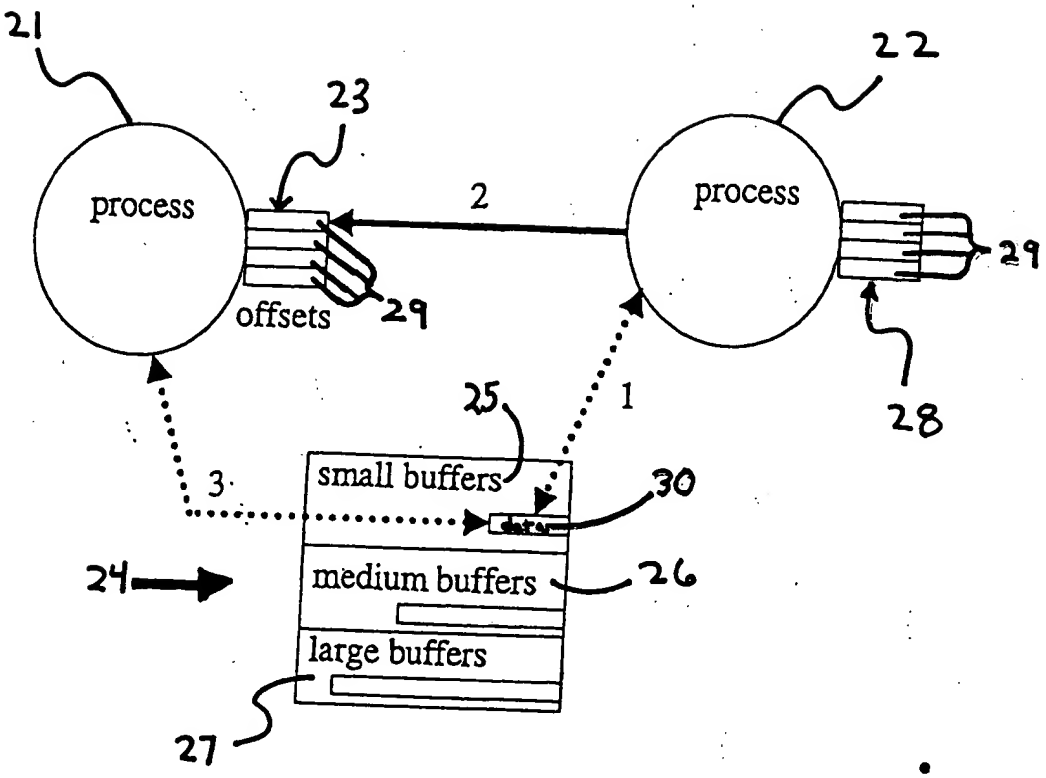
21
22
23
process
process
2
offsets
29
29
28
25
1
3
small buffers
30
24
medium buffers
26
large buffers
27

FIG. 3

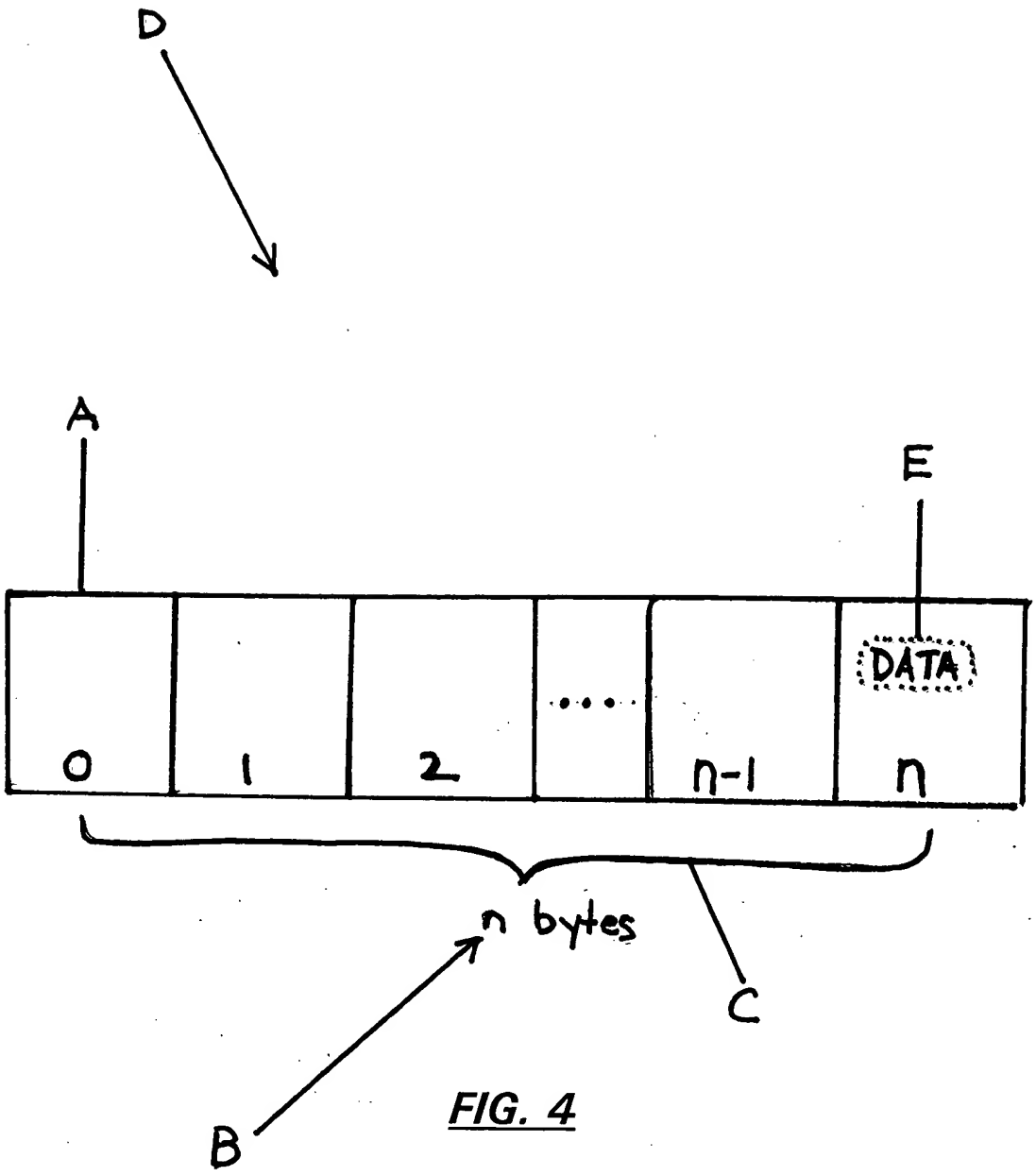

FIG. 4

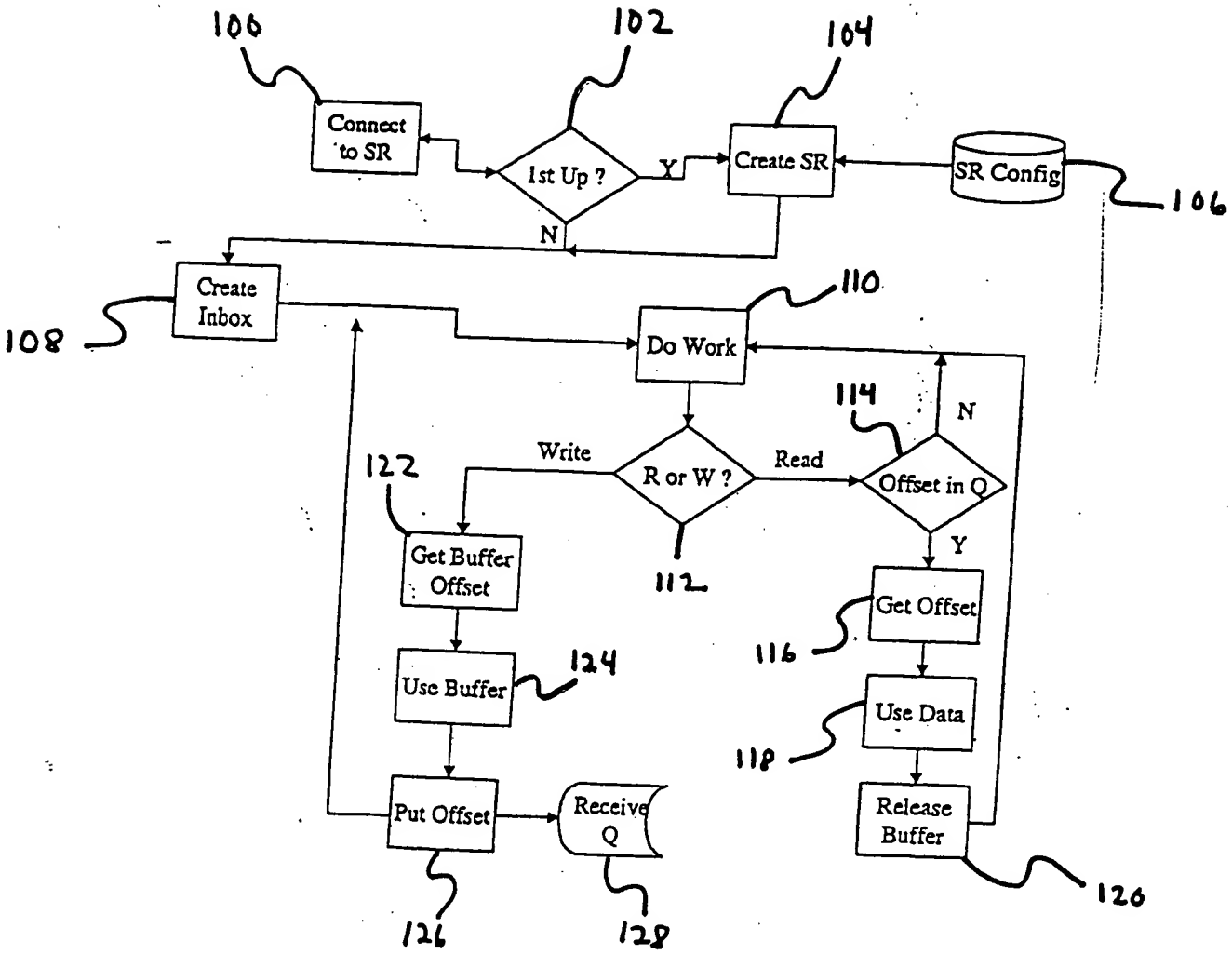
106
102
104
Connect to SR
1st Up ?
Y
Create SR
SR Config
106
N
Create Inbox
108
110
Do Work
114
N
Write
R or W ?
Read
Offset in Q
122
Y
Get Buffer Offset
112
Get Offset
116
Use Buffer
124
Use Data
118
Put Offset
Receive Q
Release Buffer
126
126
128

FIG. 5